

Converting Colors

YUV(173.9360, -76.8764,
17.5961)

Have a look what the booklet for
YUV(173.9360, -76.8764, 17.5961)
contains.

YUV(173.9360, -76.8764, 17.5961)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(173.9360, -76.8764,
17.5961)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C212
RGB	194, 194, 18
RGB Percent	76%, 76%, 7%
CMY	0.2392, 0.2392, 0.9294
CMYK	0.00, 0.00, 0.91, 0.24
HSL	60°, 83%, 42%
HSV	60°, 91%, 76%
XYZ	41.6491, 50.0966, 8.0467
YIQ	173.9360, 56.4960, -54.7360

Conversions

Conversions Part 2

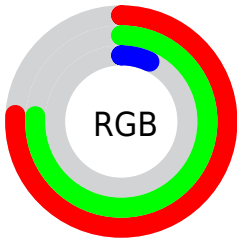
Format	Color
RYB	18, 194, 18
Decimal	12763666
CIELab	76.13, -17.33, 74.91
CIElCh	76, 76.891, 103.026
Yxy	50.0966, 0.4174, 0.5020
Android (android.graphics.Color)	4290953746 (0xFFC2C212)
YUV	173.9360, -76.8764, 17.5961
Hunter-Lab	70.7789, -18.8267, 42.8047

Details

The YUV color **173.9360, -76.8764, 17.5961** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed yellow. A complement of this color would be **38.0640, 76.8764, -17.5961**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.7280, -71.3509, 18.6555**, and **123.4310, -60.8515, 11.0230** is the 20% darker color. If you saturate the color by 10%, you get **171.8840, -84.7388, 19.3957**, and if you desaturate by 10%, it is **176.1020, -68.5773, 15.6965**.

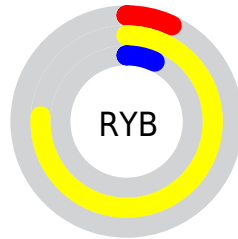
Distribution



Red (76%)

Green (76%)

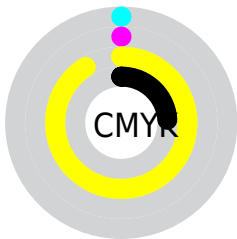
Blue (7%)



Red (7%)

Yellow (76%)

Blue (7%)

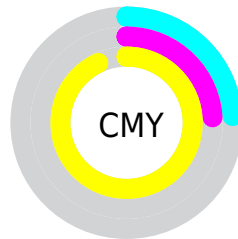


Cyan (0%)

Magenta (0%)

Yellow (91%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.9360, -76.8764, 17.5961 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 173.9360, -76.8764, 17.5961 by changing the saturation by 10% instead.

■ 173.9360,
-76.8764, 17.5961

■ 173.9360,
-76.8764, 17.5961

255.0000, 0.0000,
0.0000

■ 147.3640,
-72.6505, 15.4668

■ 232.7280,
-71.3509, 18.6555

■ 123.4310,
-60.8515, 11.0230

■ 239.2680,
-60.2781, 13.7970

■ 99.7970, -49.1999,
7.1940

■ 242.4600,
-48.0478, 10.9976

■ 77.3370, -38.1271,
2.3355

■ 245.7660,
-35.3806, 8.0982

■ 55.7630, -27.4912,
-2.4232

■ 249.0720,
-22.7135, 5.1989

■ 34.4880, -17.0026,
-6.5670

■ 252.3780,

■ 15.2620, -7.5242,

-10.0464, 2.2995

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 173.9360,
-76.8764, 17.5961

■ 173.9360,
-76.8764, 17.5961

■ 171.8840,
-84.7388, 19.3957

■ 176.1020,
-68.5773, 15.6965

■ 178.3820,
-59.8413, 13.6970

■ 180.5480,
-51.5422, 11.7974

■ 182.8280,
-42.8062, 9.7978

■ 184.9940,
-34.5070, 7.8983

■ 187.1600,
-26.2079, 5.9987

■ 189.4400,
-17.4719, 3.9991

■ 191.6060, -9.1728,
2.0995

■ 193.8860, -0.4368,
0.1000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



179.6660, -70.3343, 66.0679



173.9360, -76.8764, 17.5961



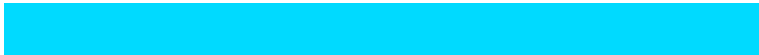
165.6070, -44.6693, -46.1363

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



173.9360, -76.8764, 17.5961



157.0360, 48.2963, -137.7206



175.9540, 27.1377, 69.3233

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



173.9360, -76.8764, 17.5961



38.0640, 76.8764, -17.5961

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



188.8250, 32.6243, 36.1105



173.9360, -76.8764, 17.5961



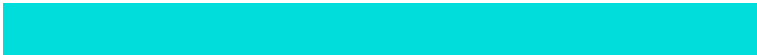
150.5790, 51.4796, -132.0578

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



173.9360, -76.8764, 17.5961



154.5790, 31.2666, -135.5658



166.3690, 43.6951, -61.7136



163.7510, -1.8492, 80.0254

Rectangle

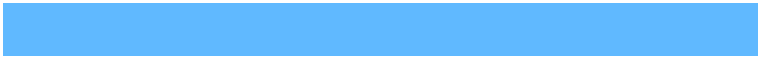
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



173.9360, -76.8764, 17.5961



140.4720, -10.0927, -123.1939



166.3690, 43.6951, -61.7136



183.7450, 34.1427, 62.4906

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



173.9360, -76.8764, 17.5961



244.2480, -29.7023, 6.7985



70.6240, -25.9436, 108.2008



123.3260, -17.9087, 4.0991



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



173.9360, -76.8764, 17.5961



223.2720, -110.0731, 25.1945



147.6240, -63.9046, -36.5042



95.8600, -4.3680, 0.9998



142.6460, -70.3245, 16.0965



29.2380, -14.4143, 3.2993

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.0640, 76.8764, -17.5961



28.7280, 110.0731, -25.1945



64.3760, 63.9046, 36.5042



88.1400, 4.3680, -0.9998



18.3540, 70.3245, -16.0965



3.7620, 14.4143, -3.2993

Previews

White Background



This preview shows how the YUV color 173.9360, -76.8764, 17.5961 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 173.9360, -76.8764, 17.5961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 173.9360, -76.8764, 17.5961

Background



This preview shows how black text looks on a background with the YUV color 173.9360, -76.8764, 17.5961.



This preview shows how white text looks on a background with the YUV color 173.9360, -76.8764, 17.5961.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

173.9360, -76.8764, 17.5961

Protanopia

175.4540, -79.1038, 32.0508

Deuteranopia

179.2250, -71.5959, 50.6687



Tritanopia

189.6690, 2.1352, 15.1993

Trichromacy



Original Color

173.9360, -76.8764, 17.5961

Protanomaly

174.6490, -78.2140, 26.6178

Deuteranomaly

177.2790, -73.5945, 38.3433

Tritanomaly

183.8130, -26.5298, 15.9500

Monochromacy



Original Color

173.9360, -76.8764, 17.5961

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.7040, -27.9551, 6.3986

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.9360, -76.8764, 17.5961 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(194, 194, 18)` looks like.

```
.text, #text, p{  
    color:rgb(194, 194, 18)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(194, 194, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 194, 18) }
```

Border

The CSS property to change the border of an element to YUV 173.9360, -76.8764, 17.5961 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 194, 18) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(194, 194, 18) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(194, 194, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 194, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 194, 18);  
box-shadow:4px 4px 4px 4px rgb(194, 194,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 173.9360, -76.8764, 17.5961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 194, 18) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(194,  
194, 18) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor